

while checking for exiting smoke.

12.

Use the halogen light provided with the VACUTEC Smoke Machine Fuel EVAP Emissions System Tester to follow the EVAP system path and look for smoke exiting at the source of the leak(s).

13.

Repair any leaks as necessary.

14.

Repeat the leak test until the system passes.

REMOVAL AND INSTALLATION > EVAPORATIVE EMISSION CANISTER > REMOVAL

 **WARNING:** Do not smoke, carry lighted tobacco or have an open flame of any type when working on or near any fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

 **WARNING:** Do not carry personal electronic devices such as cell phones, pagers or audio equipment of any type when working on or near any fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.

 **WARNING:** Always disconnect the battery ground cable at the battery when working on an evaporative emission (EVAP) system or fuel-related component. Highly flammable mixtures may be present and may be ignited. Failure to follow these instructions may result in serious personal injury.



NOTE: Removal steps in this procedure may contain installation details.

1.

Position the vehicle on a hoist. Refer to: Jacking and Lifting - Overview .

2.

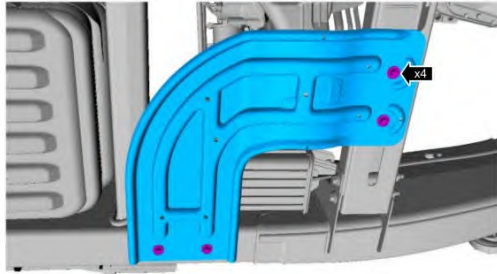
Disconnect the negative battery cable. Refer to: Battery Disconnect and Connect .

3.

If equipped, remove the transfer case skid plate.

Torque

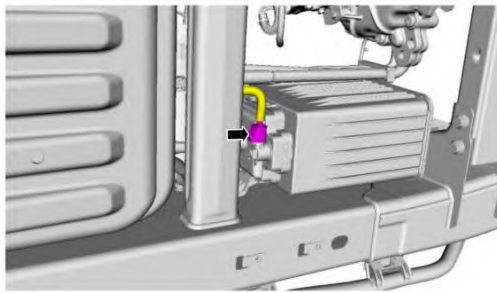
: 177 lb.in (20 Nm)



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4.

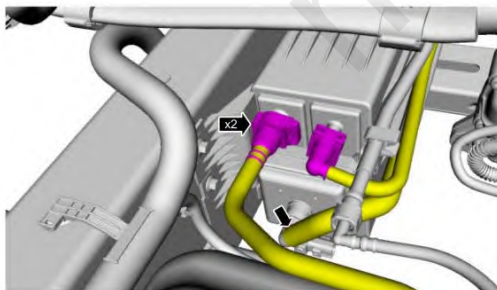
Disconnect the EVAP canister electrical connector.



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5.

Disconnect the 2 quick connect fittings and the vent hose. Refer to: QUICK RELEASE COUPLING .



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6.

Detach the fuel line routing clip from the EVAP canister and position the line aside.